

AMENDMENTS TO THE CLAIMS

Claims 1, 4, 7, 8, 10, 12, 15-17, 22, 25, 27, 29, 30, 34, 36-40, 42-44, and 46-48 are amended herein. Claims 9, 13, 20, 24, and 33 are canceled. Claim 49 is added. All pending claims and their present status are produced below.

1. (Currently Amended) A multi-projector display system for displaying on a screen a~~[[n]]~~ display image corresponding to a source image including at least one window, comprising:

a window projector, for displaying, at a display location on the screen, a first portion of the display image corresponding to a movable window from the source image;

a workspace projector, for displaying on the screen a second portion of the display image comprising a blank area corresponding to the display location of the movable window from the source image, wherein no light is projected in the blank area by the workspace projector;

an input device, for receiving user input changing the source image; and

a control mechanism, coupled to the window projector and input device, for, responsive to the input device receiving a user command to drag the moveable window from ~~[[one]]~~ a first location to ~~another~~ a second location in the source image, controlling the window

projector to affect a change~~[[ing]]~~ in the display location on the screen of the first portion of the display image.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) A multi-projector display system for displaying a~~[[n]]~~ display image including portions corresponding to at least two windows of a source image, comprising:

a window projector, for displaying, at a first display location, a first portion of the display image corresponding to a first window of the source image, wherein the first window is an active window selected via user input to the source image;

a workspace projector, for displaying a second portion of the display image including corresponding to a second window of the source image, having a second display location different from the first display location, and comprising a blank area corresponding to the first display location of the first window, wherein no light is projected in the blank area by the workspace projector;

an input device, for receiving user input changing the source image; and

a control mechanism, coupled to the window projector and input device, for, responsive to the input device receiving a user command to change ~~focus~~ the active window from the first window to the second window such that the second window becomes the active

~~window, controlling the window and workspace projectors such~~
~~that causing~~ the window projector [[to]] displays the second
~~window portion of the image~~ at the second display location and
~~causing~~ the workspace projector [[to]] displays [[a]] the first
portion of the image at the first display location, ~~including the first~~
~~window~~, comprising a second blank area corresponding to the
display location of the second window, wherein no light is
projected in the second blank area by the workspace projector.

5. (Previously Presented) The display system of claim 1, wherein:

the window projector displays the first portion of the image at a first level
of resolution; and

the workspace projector displays the second portion of the image at a
second level of resolution.

6. (Original) The display system of claim 5, wherein the first level of resolution
is greater than the second level of resolution.

7. (Currently Amended) The display system of claim 1, wherein:

the window projector displays the first portion of the image in ~~a first~~
~~visual format~~ monochrome; and

the workspace projector displays the second portion of the image in ~~a~~
~~second visual format~~; color.

~~wherein the first visual format is distinct from the second visual format.~~

8. (Currently Amended) The display system of claim 7, wherein the first ~~visual format is color~~ portion of the image is displayed in high resolution and the second ~~visual format is monochrome~~ portion of the image is displayed in low resolution.

9. (Canceled)

10. (Currently Amended) The display system of claim 1, wherein the window projector and the workspace projector are coupled to a common image source, and wherein the first portion of the display image displayed by the window projector and the second portion of the display image displayed by the workspace projector are derived from a single image.

11. (Original) The display system of claim 1, wherein the window projector is coupled to a first image source, and the workspace projector is coupled to a second image source.

12. (Currently Amended) The display system of claim 1, wherein the display image includes a plurality of display windows corresponding to a plurality of windows from the source image, one of the windows currently ~~having focus~~ being active, and wherein the window projector displays on the screen a portion of the display image corresponding to the active window ~~having focus~~.

13. (Canceled)

14. (Canceled)

15. (Currently Amended) The display system of claim 1, wherein, the workspace projector moves the blank area of the display image so as to correspond to the changed display location of the first portion of the display image.

16. (Currently Amended) The display system of claim 1, wherein the control mechanism changes the display location of the first portion of the display image by repositioning the window projector.

17. (Currently Amended) The display system of claim 1, further comprising a mirror for directing the output of the window projector to the display location, and wherein the control mechanism changes the display location of the first portion of the display image by repositioning the mirror.

18. (Canceled)

19. (Original) The display system of claim 1, wherein the control mechanism comprises:

a pan/tilt control mechanism; and

a zoom control mechanism.

20. (Canceled)

21. (Canceled)

22. (Currently Amended) A multi-projector display system for displaying a[[n]] display image including corresponding to at least one window in a source image, comprising:

a window projector, for displaying, at a display location, a first portion of the display image corresponding to a movable window from the source image;

a plurality of workspace projectors, for collectively displaying a second portion of the display image comprising a blank area corresponding to the display location of the movable window, wherein no light is projected in the blank area by the workspace projector, and wherein no seam is visible in the blank area collectively displayed by the plurality of workspace projectors;

an input device, for receiving user input changing the source image; and

at least one control mechanism, coupled to the window projector and the input device, for, responsive to the input device receiving a user command to drag the window from one location to another in the source image, controlling the window projector to affect a change in the display location of the first portion of the display image.

23. (Canceled)

24. (Canceled)

25. (Currently Amended) A multi-projector display system for displaying a display image ~~including~~ corresponding to at least one window in a source image, comprising:

a plurality of window projectors, each for displaying, at a display location,
a first portion of the display image corresponding to a movable
window in the source image;

a plurality of workspace projectors, for collectively displaying a second
portion of the display image comprising a blank area
corresponding to the display location of the movable window,
wherein no light is projected in the blank area by the workspace
projector, and wherein no seam is visible in the blank area
collectively displayed by the plurality of workspace projectors;

an input device, for receiving user input changing the source image; and

at least one control mechanism, coupled to the window projectors and
input device, for, responsive to the input device receiving a user
command to ~~drag one of the~~ moveable window[[s]] from one
location to another in the source image, controlling the window
projector to affect a change[[ing]] in the display location of a
corresponding portion of the display image.

26. (Canceled)

27. (Currently Amended) A display system for displaying on a display device
a[[n]] display image corresponding to a source image including at least one window, the
system comprising:

[[a]] the display device, for displaying a first portion of the display image comprising ~~omitting~~ an omitted area corresponding to a movable window from the source image;

a window projector, for projecting onto the display device, at ~~a display location corresponding to the omitted area omitted by the display device~~, a second portion of the display image corresponding to the ~~area omitted~~ area ~~by the display device~~;

an input device, for receiving user input changing the source image; and

a mechanism, coupled to the window projector and the input device, for, responsive to the input device receiving a user command to drag the movable window from one location to another, controlling the window projector to affect a change[[ing]] in the display location of the second portion of the display image corresponding to the omitted area ~~omitted by the display device~~.

28. (Canceled)

29. (Currently Amended) A multi-projector display system for displaying a[[n]] display image, the system comprising:

at least one regional image source, each for providing ~~a first portion of the image corresponding to~~ a movable display region of a source image;

a workspace image source, for providing a blank area corresponding to ~~the display location of the movable display region~~ of the source image;

at least one regional projector, each coupled to a regional image source,
each for displaying ~~on the device the provided portion of the~~ a first
display image portion ~~[[at]]~~ corresponding to the moveable display
region of the source image;

a workspace projector, coupled to the workspace image source, for
displaying ~~[[the]]~~ a second display image portion corresponding to
the blank area of the source image, wherein no light is projected in
the ~~blank area~~ second display image portion by the workspace
projector;

an input device, for receiving user input changing the source image; and

at least one control mechanism, coupled to the at least one regional
projector and the input device, for, responsive to the input device
receiving a user command to drag ~~one of the~~ moveable display
region~~[[s]]~~ of the image source from one location to another,
controlling the at least one regional projector to affect a
change~~[[ing]]~~ in ~~[[the]]~~ location ~~[[of]]~~ for the first display image
portion ~~the display region~~.

30. (Currently Amended) A multi-projector display method for displaying a~~[[n]]~~
display image corresponding to a source image including at least ~~one~~ two windows,
comprising:

displaying, by a window projector, at a first display location, a first
portion of the display image corresponding to a movable window

from the source image, wherein the first window is an active window selected via user input to the source image;

displaying, by a workspace projector, a second portion of the display image comprising a second window having a second display location different from the first display location and a blank area corresponding to the first display location of the movable window from the source image, wherein no light is projected in the blank area by the workspace projector;

receiving the user input affecting a change in the source image; and

responsive to the user input indicating a user command to ~~drag~~ change the active window from the moveable window to the second window in the source image, such that the second window becomes the active window from one location to another, changing the display location of the first portion of the image, controlling the window and workspace projectors such that causing the window projector [[to]] displays the second window portion of the display image at the second display location and causing the workspace projector [[to]] displays the first portion of the display image, including the first window, comprising a second blank area corresponding to the display location of the second window, wherein no light is projected in the second blank area by the workspace projector.

31. (Canceled)

32. (Canceled)

33. (Canceled)

34. (Currently Amended) The display method of claim 30, wherein:

displaying the first portion of the display image comprises displaying the
first portion of the display image at a first level of resolution; and
displaying the second portion of the display image comprises displaying
the second portion of the image at a second level of resolution.

35. (Original) The display method of claim 34, wherein the first level of
resolution is greater than the second level of resolution.

36. (Currently Amended) The display method of claim 30, wherein:

displaying the first portion of the display image comprises displaying the
first portion of the display image in a ~~first visual format~~ color; and
displaying the second portion of the display image comprises displaying
the second portion of the display image in a ~~second visual format~~
monochrome;-
~~wherein the first visual format is distinct from the second visual format.~~

37. (Currently Amended) The display method of claim 36, wherein the first
~~visual format~~ portion is ~~color~~ displayed in high resolution and the second ~~visual format~~
portion is displayed in low resolution ~~monochrome~~.

38. (Currently Amended) A multi-projector display method for displaying a[[n]] display image on a screen, the display image corresponding to a source image including at least one window, comprising:

displaying, by a window projector, at a display location on the screen, a first portion of the display image corresponding to a movable window from the source image, the ~~portion corresponding to a~~ movable window comprising a motion picture;

displaying on the screen, by a workspace projector, a second portion of the display image comprising a blank area corresponding to [[the]] a display location of the movable window, wherein no light is projected in the blank area by the workspace projector, the second portion comprising a still image;

controlling the window projector to affect a change[[ing]] in at least one of the display location and [[the]] size of the window first portion of the display image on the screen in response to user input changing the source image.

39. (Currently Amended) The display method of claim 30, wherein the display image includes a plurality of windows, one of the windows currently having focus an active window, and wherein displaying a first portion of the display image corresponding to a moveable window from the source image comprises displaying the portion of the display image corresponding to the active window ~~having focus~~.

40. (Currently Amended) The display method of claim 39, further comprising, in response to [[a]] user command changing ~~focus~~ the active window to a second one of the windows from the source image:

displaying, by the window projector, at [[a]] the second display location for the second window, a portion of the display image corresponding to the second window from the source image; and displaying, by the workspace projector, ~~a portion of the image comprising~~ a the blank area corresponding to the display location of the second window from the source image, wherein no light is projected in the blank area by the workspace projector.

41. (Canceled)

42. (Currently Amended) The display method of claim 30, further comprising, in response to [[the]] a user command for moving the moveable window from the source image, moving the blank area of the display image so as to correspond to the changed display location of the moveable window.

43. (Currently Amended) The display method of claim 30, wherein changing the display location of the first portion of the display image comprises repositioning the window projector.

44. (Currently Amended) The display method of claim 30, wherein changing the display location of the first portion of the display image comprises repositioning a mirror.

45. (Canceled)

46. (Currently Amended) A multi-projector display system for displaying a[[n]] display image corresponding to a source image including at least one window, comprising:

a window projector, for displaying, at a display location, a first portion of the display image corresponding to a resizable window from the source image;

a workspace projector, for displaying a second portion of the display image comprising a blank area corresponding to ~~[[the]]~~ a display location of the resizable window from the source image, wherein no light is projected in the blank area by the workspace projector;

an input device, for receiving user input changing the source image; and

a control mechanism, coupled to the window projector and the input device, for, responsive to the input device receiving a user command to resize the resizable window from the source image, controlling the window projector to affect a change[[ing]] in the size of the first portion of the display image.

47. (Currently Amended) A multi-projector display system for displaying a[[n]] display image including corresponding to at least two windows in a source image, comprising:

a ~~plurality of~~ window projectors, ~~each~~ for displaying, at a display location,
a first portion of the display image corresponding to a resizable
window;
a plurality of workspace projectors, for collectively displaying a second
portion of the display image comprising a blank area
corresponding to the display location of the resizable window,
wherein no light is projected in the blank area by the workspace
projector, and wherein no seam is visible in the blank area
collectively displayed by the plurality of workspace projectors;
an input device, for receiving user input changing the source image; and
at least one control mechanism, coupled to the window projector[[s]] and
input device, for, responsive to the input device receiving a user
command to resize ~~one of the~~ resizable window[[s]] ~~from one-~~
~~location to another~~, controlling the window projector to affect a
change[[ing]] in the size of the ~~corresponding window~~ first portion
of the display image.

48. (Currently Amended) A multi-projector display method for displaying a[[n]]
display image corresponding to a source image including at least one window, comprising:
displaying, by a window projector, at a display location, a first portion of the
display image corresponding to a resizable window from the source
image;
displaying, by a workspace projector, a second portion of the display image
comprising a blank area corresponding to the display location of the

resizable window from the source image, wherein no light is displayed in the blank area by the workspace projector;
receiving user input changing the source image; and
responsive to the user input to the source image indicating a user command to resize the resizable window from the source image, controlling the window projector to affect a change in the size of the first and second portions of the display image.

49. (new) The display system of claim 22, wherein the plurality of workspace projectors collectively display the second portion of the image by overlapping portions provided by each of the plurality of workspace projectors.